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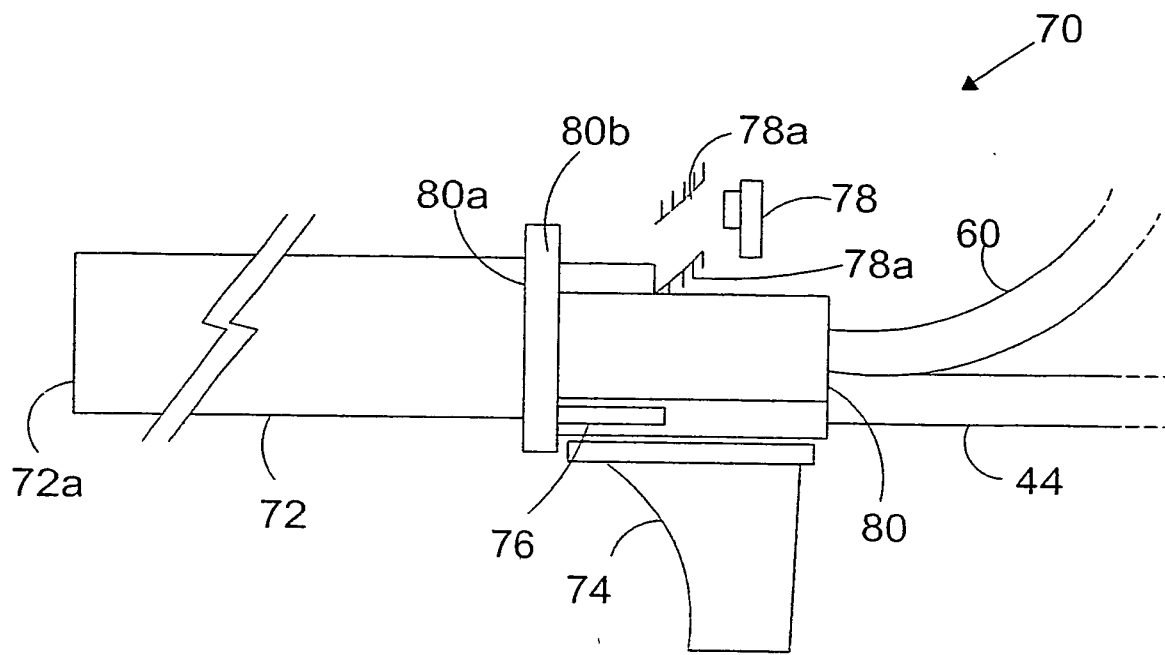


FIG. 1A

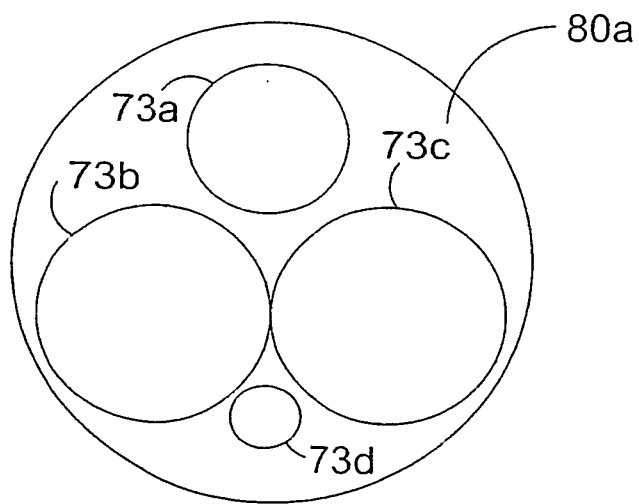


FIG. 2

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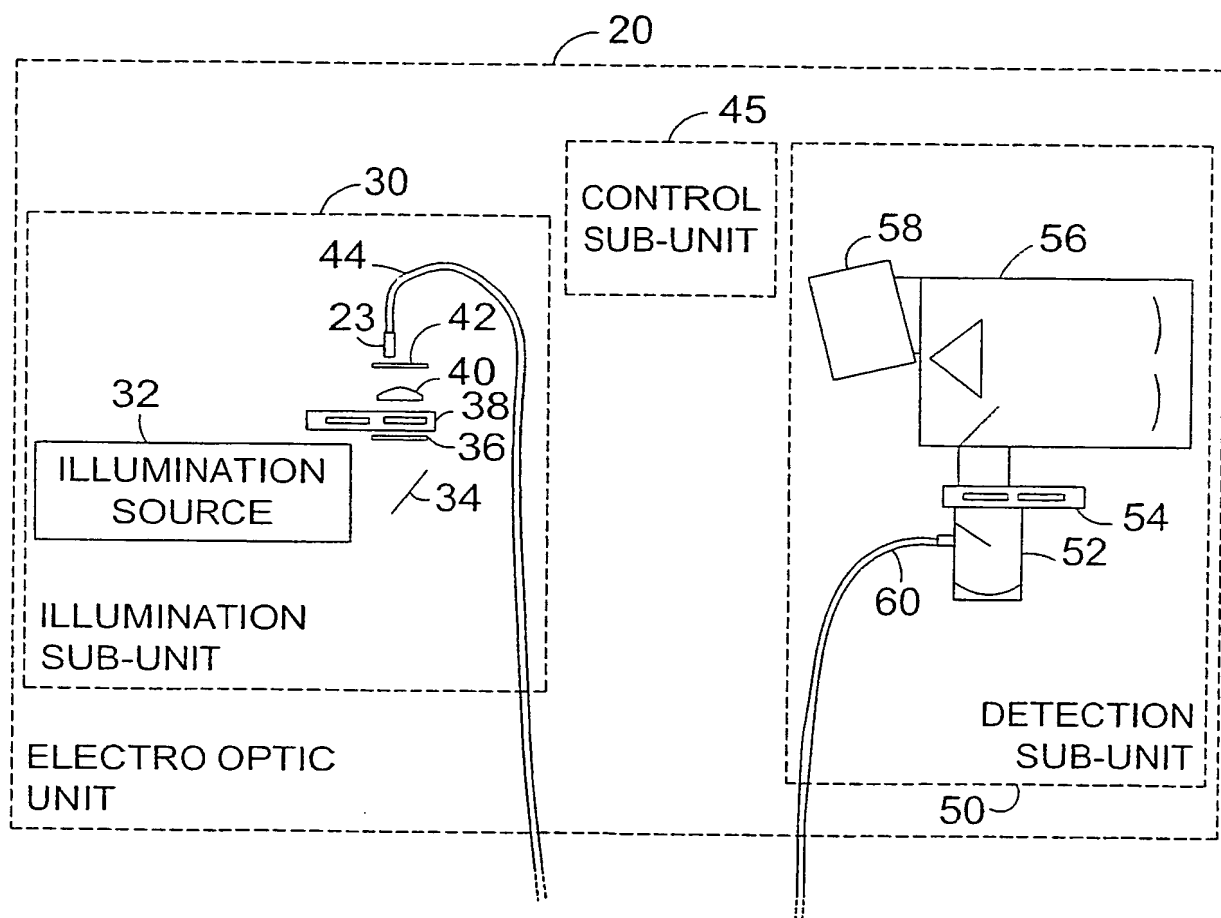


FIG. 1B

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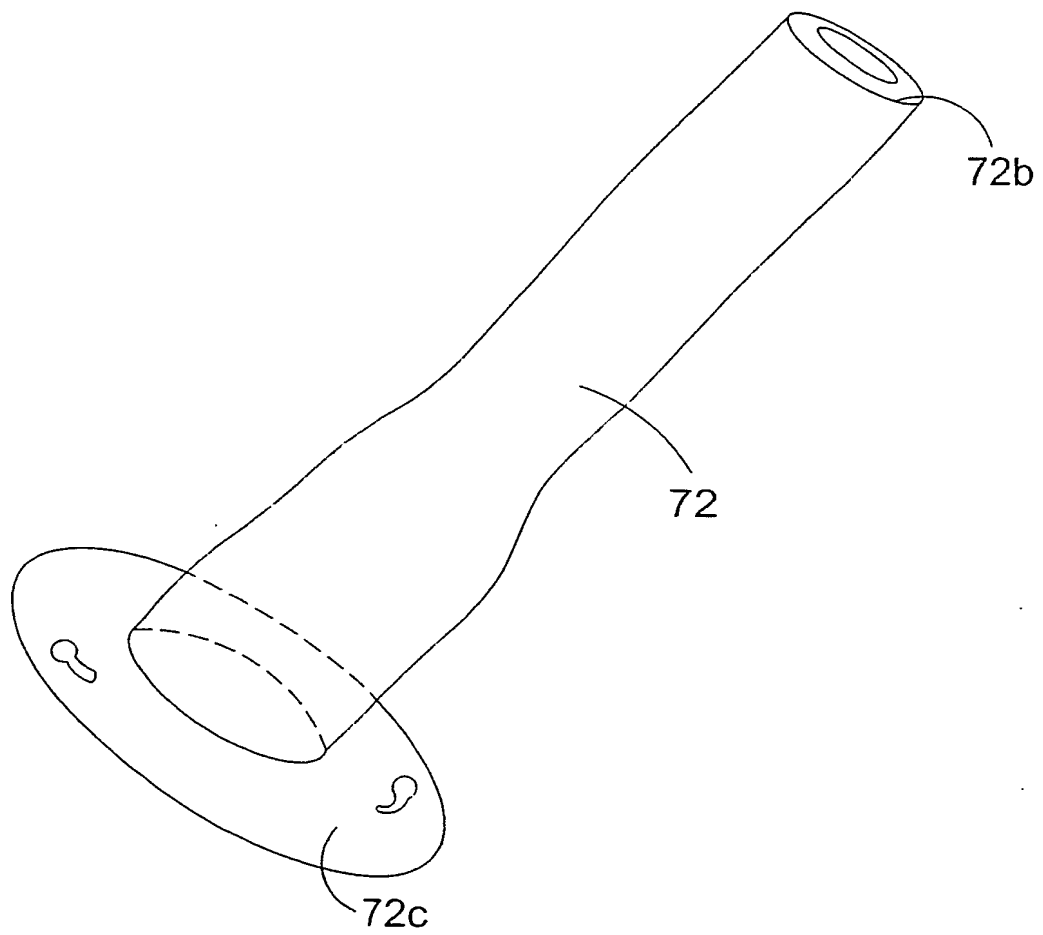


FIG. 1C

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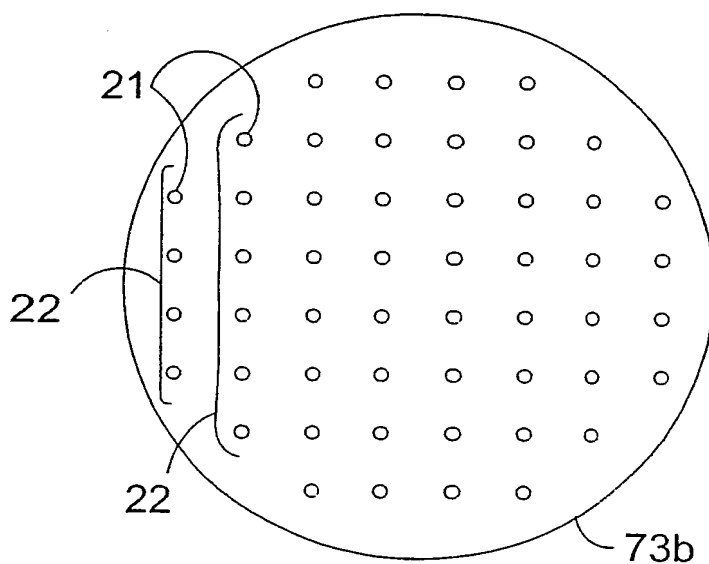


FIG. 3

#	Measurement	Excitation	Collection	Spectro-graph center λ	Meas. time secs.
1	Flourescence	350 nm (10 nm BP)	385 nm LP (GG 385)	450nm	2
2	Flourescence	400 nm (10 nm BP)	420 nm LP (GG 485)	500nm	2
3	Flourescence	460 nm (10 nm BP)	495 nm LP (GG 495)	560nm	4
4	Reflectance	OD1.5 ND filter	300-700 nm bp (BG 26)	500nm	0.2

BP=bandpass

LP=Long-pass

FIG. 6

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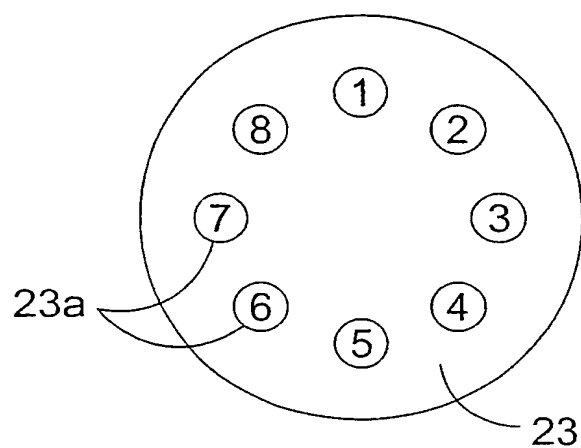


FIG. 4

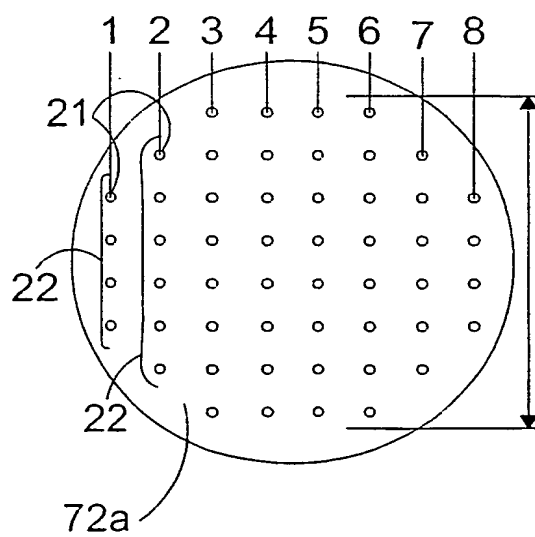


FIG. 5

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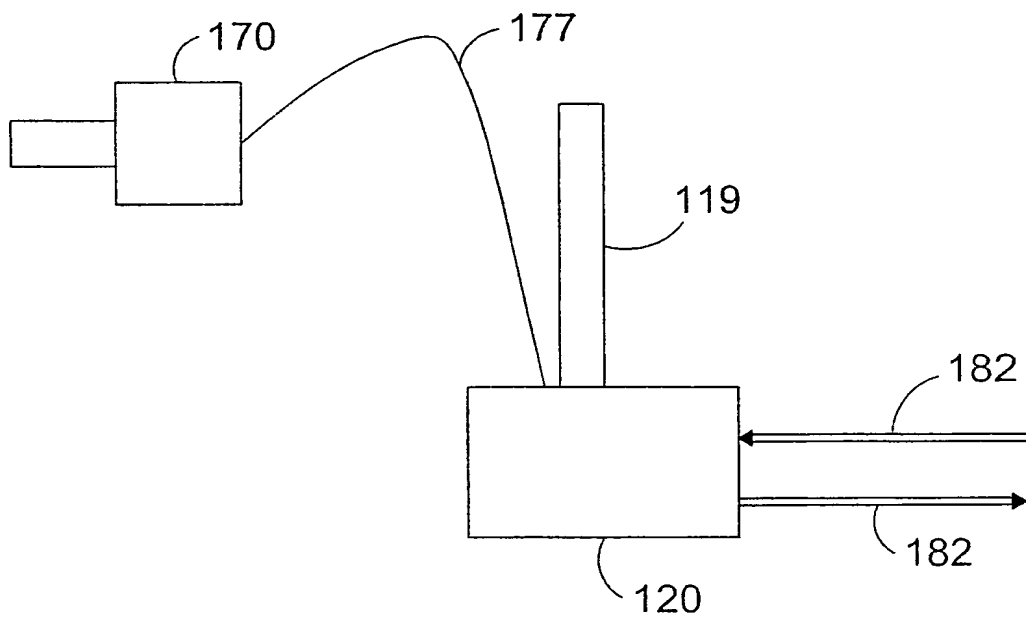


FIG. 7A

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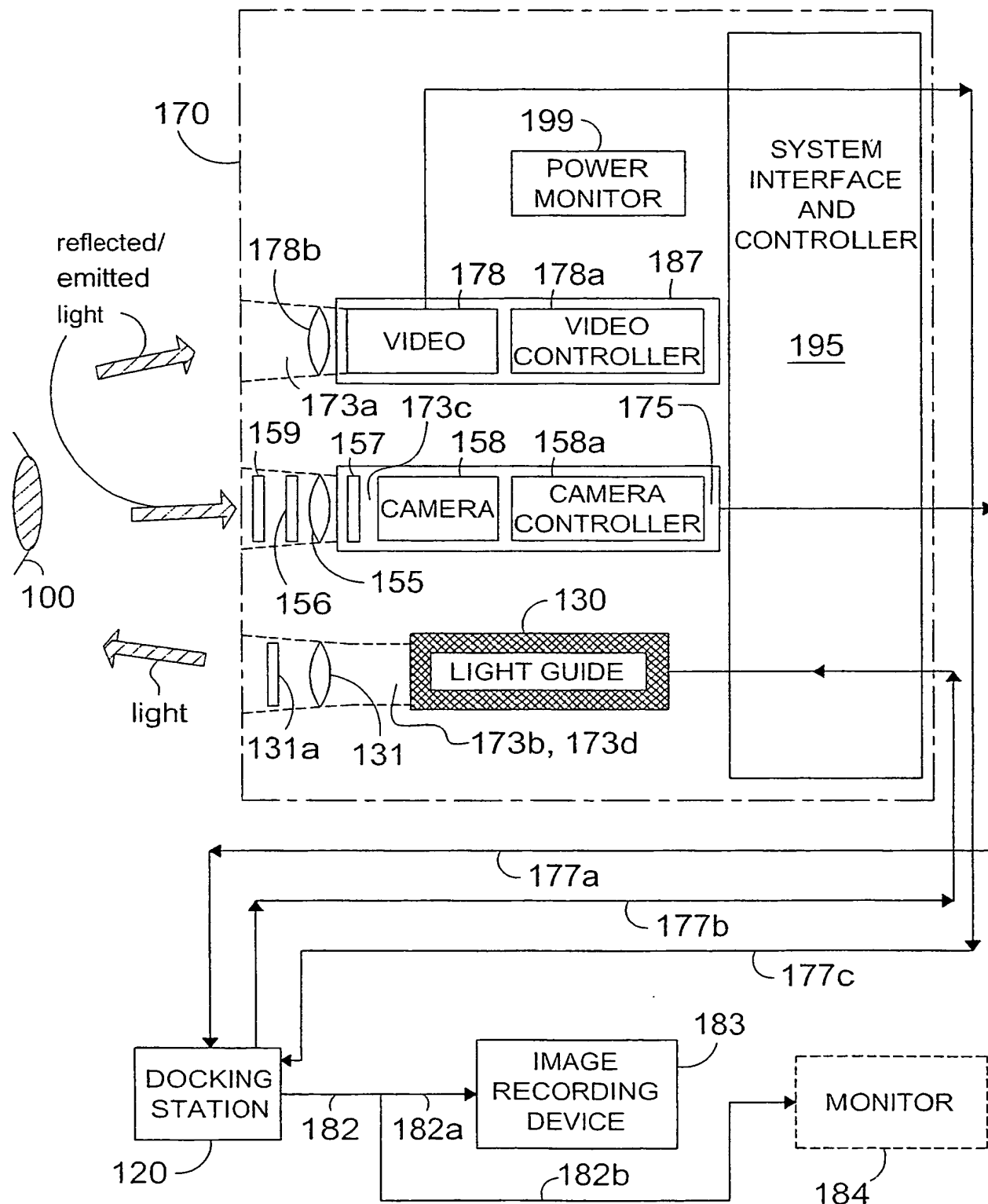


FIG. 7B

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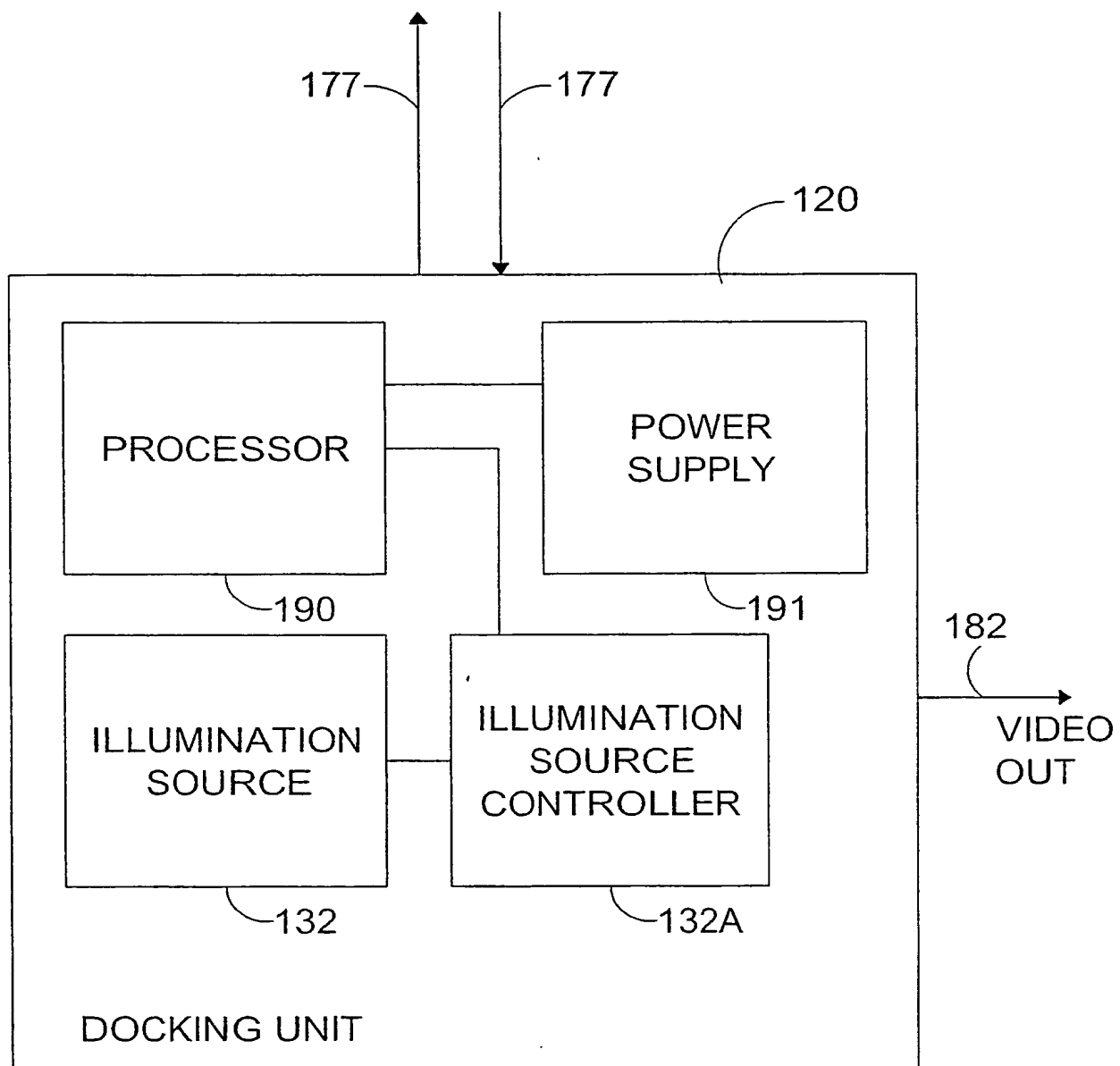


FIG. 8A

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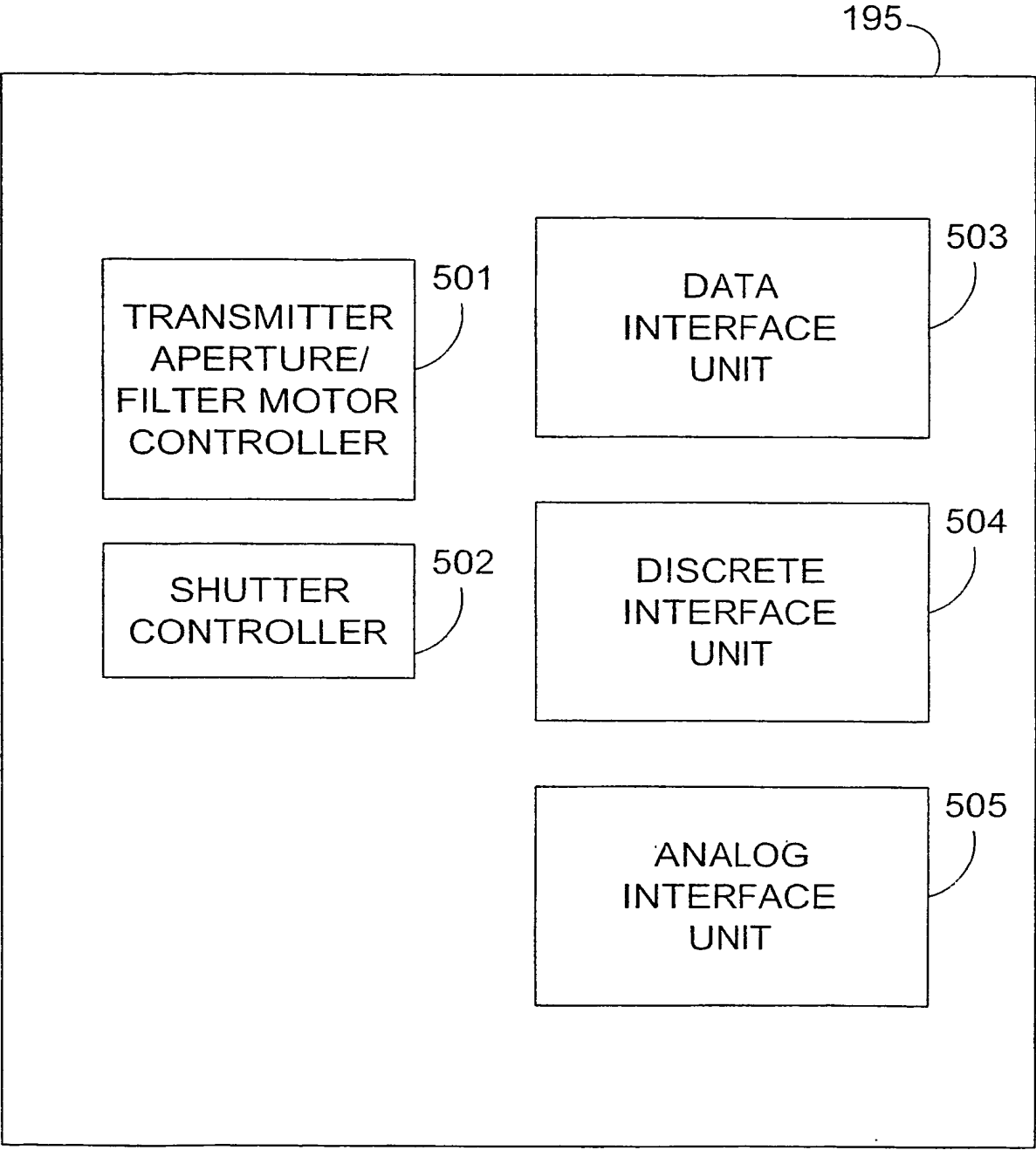


FIG. 8B

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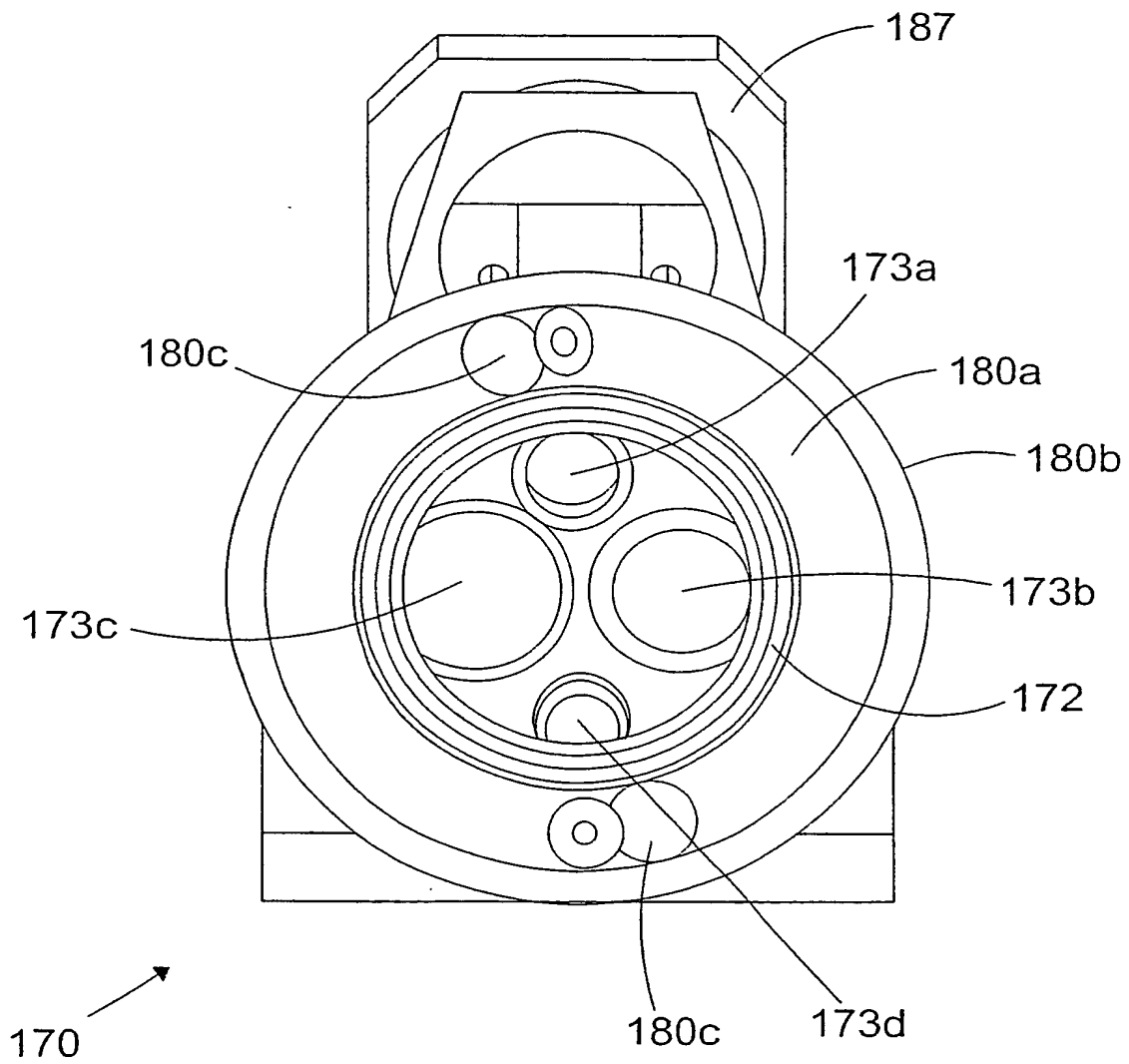


FIG. 9

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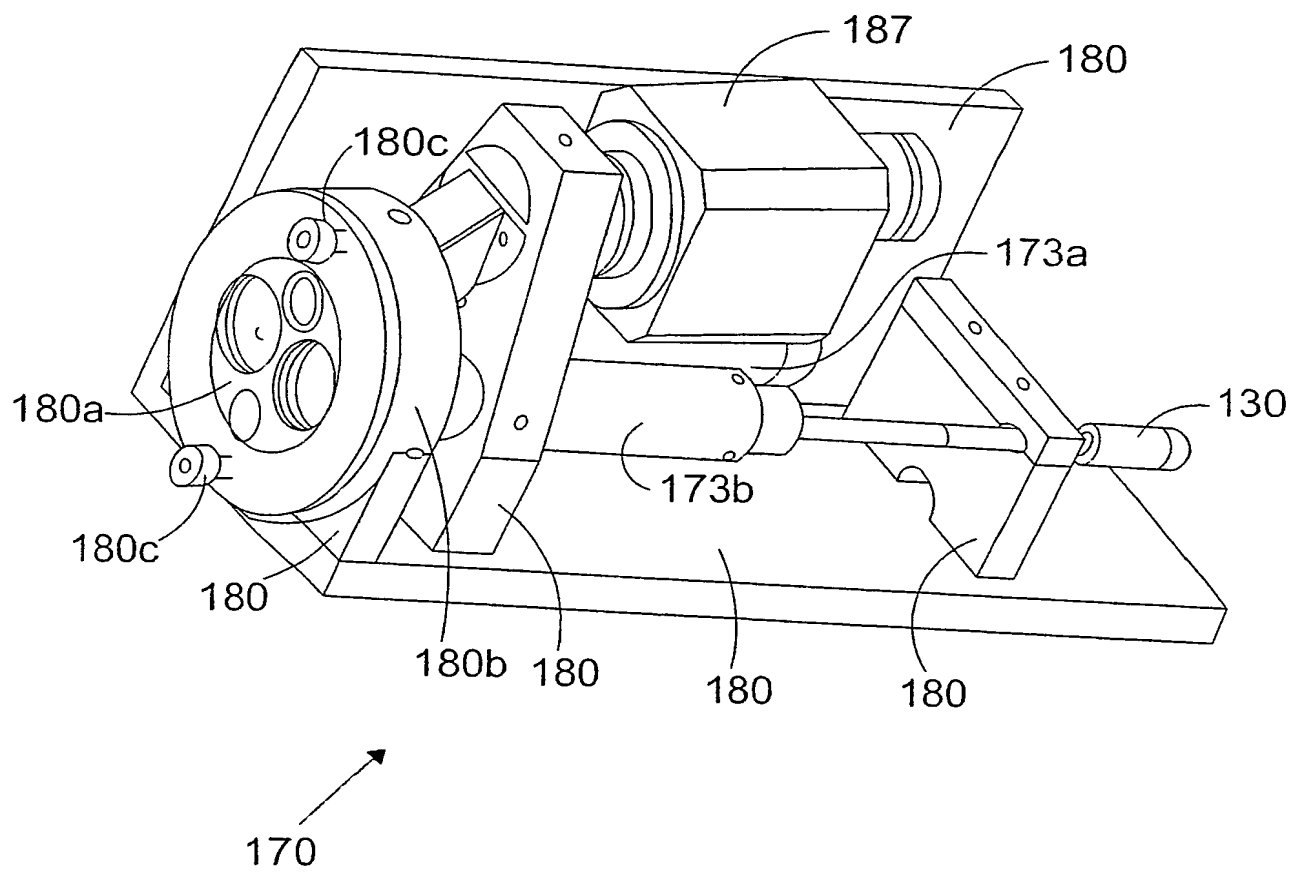


FIG. 10

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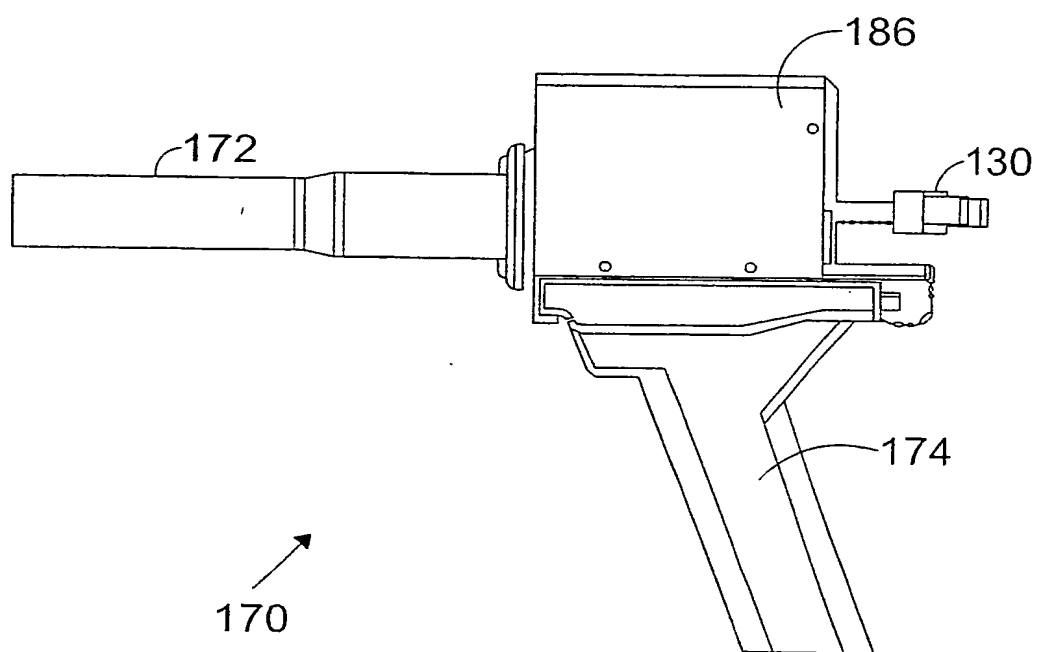


FIG. 11

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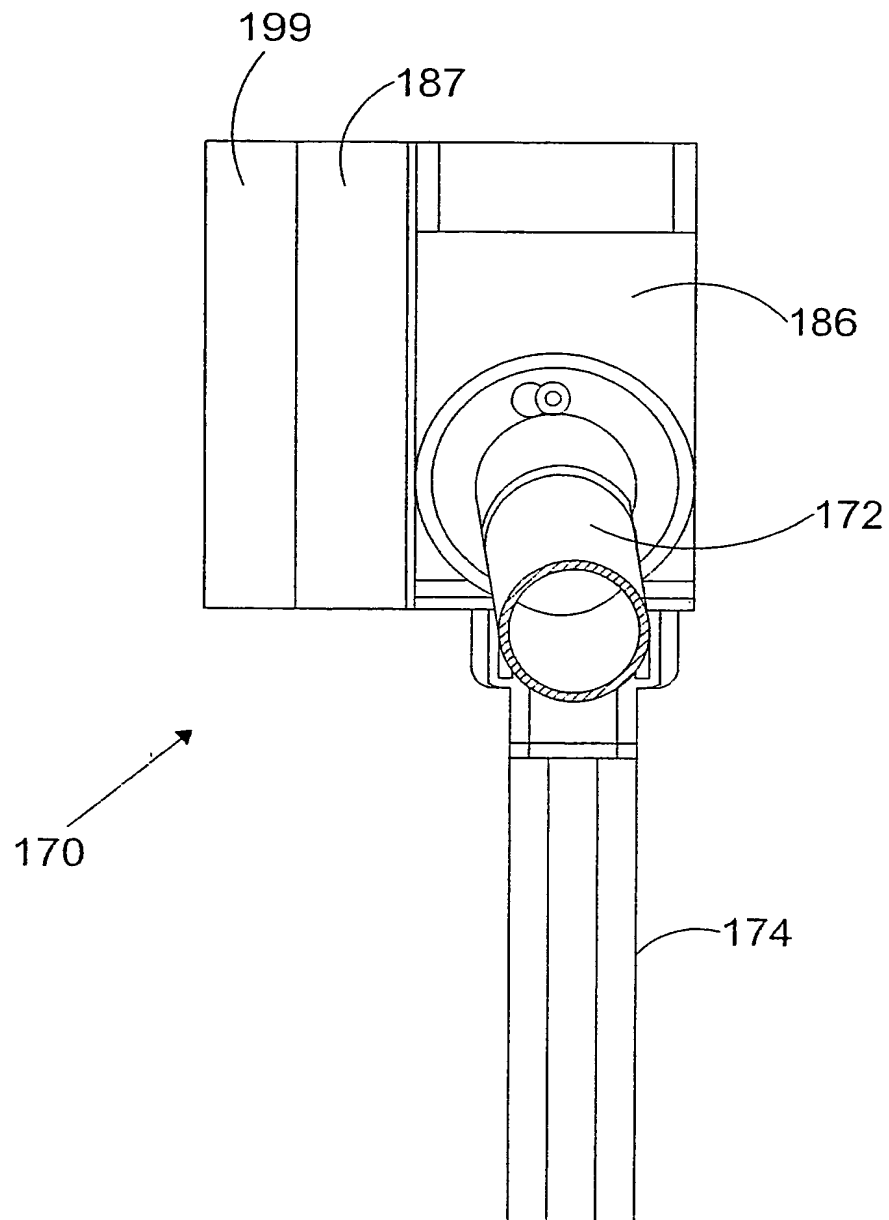


FIG. 12

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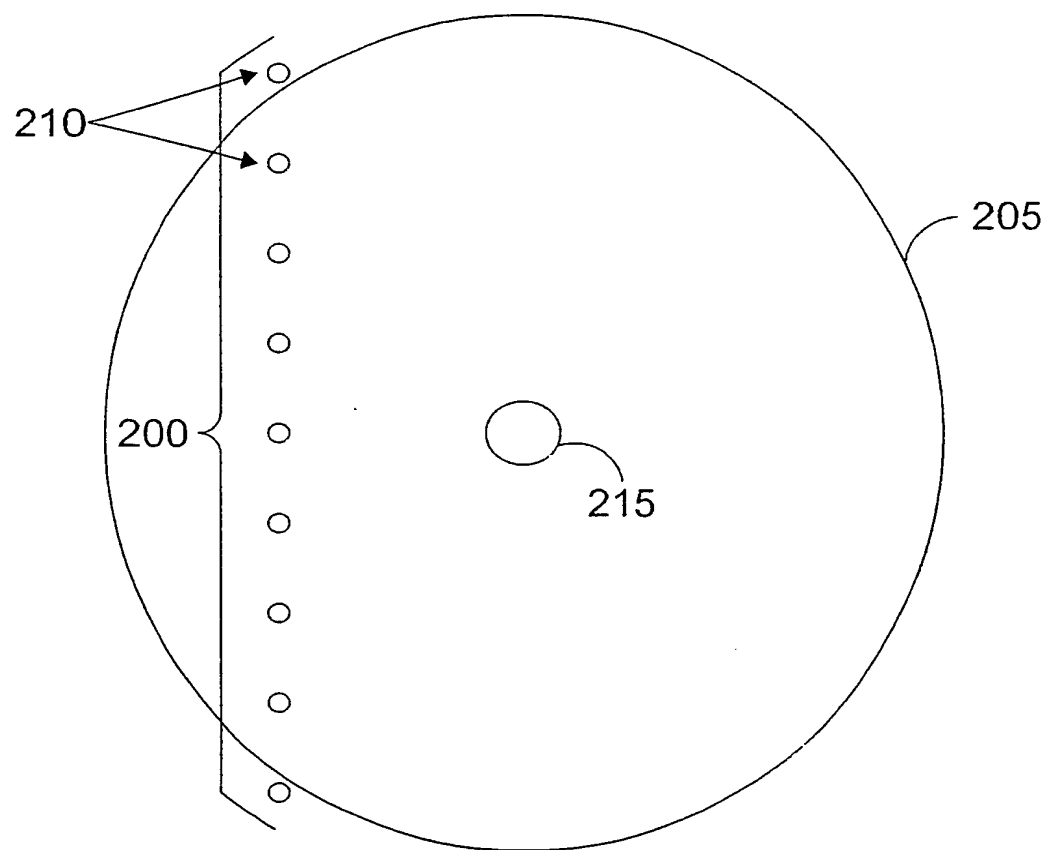


FIG. 13

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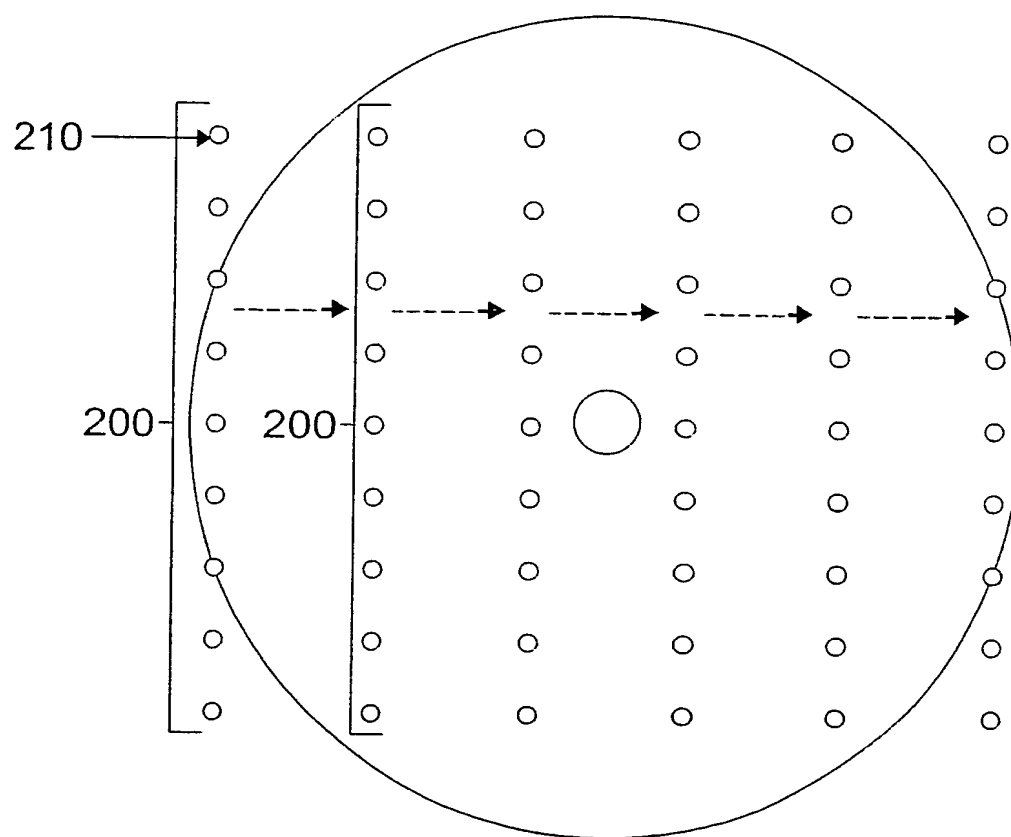


FIG. 14

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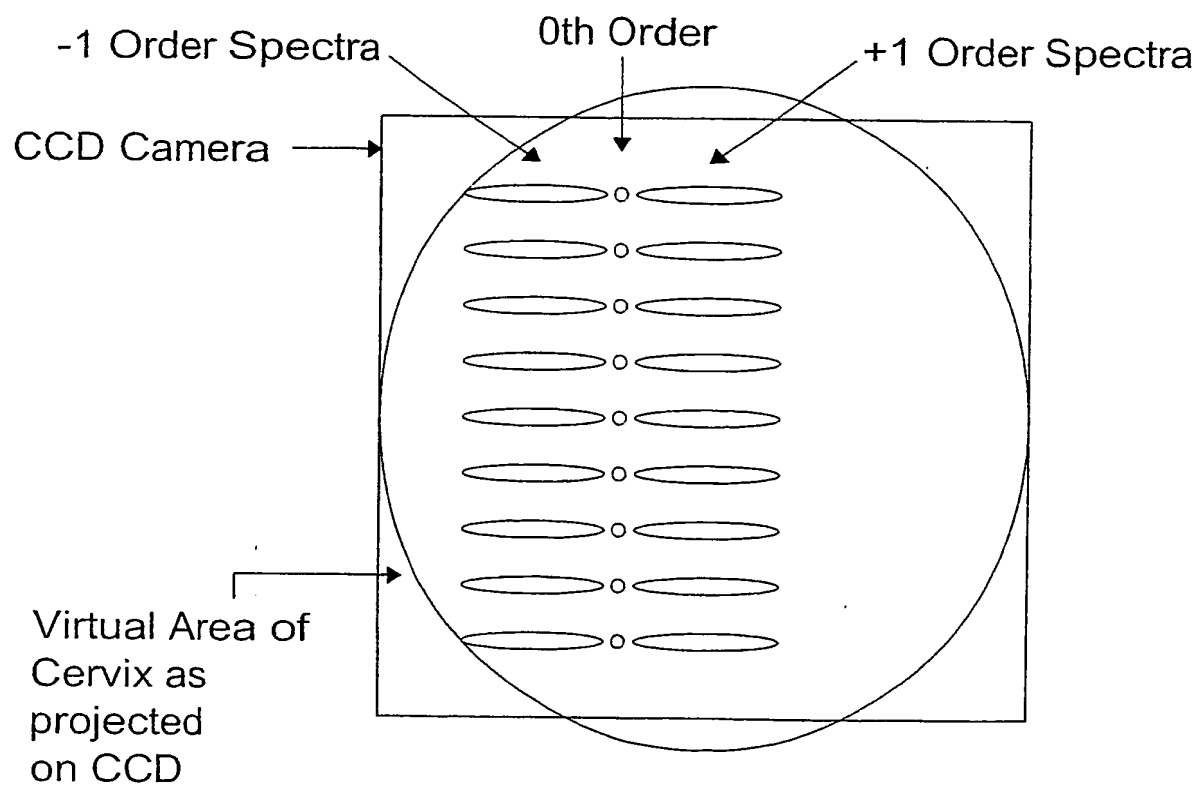


FIG. 15

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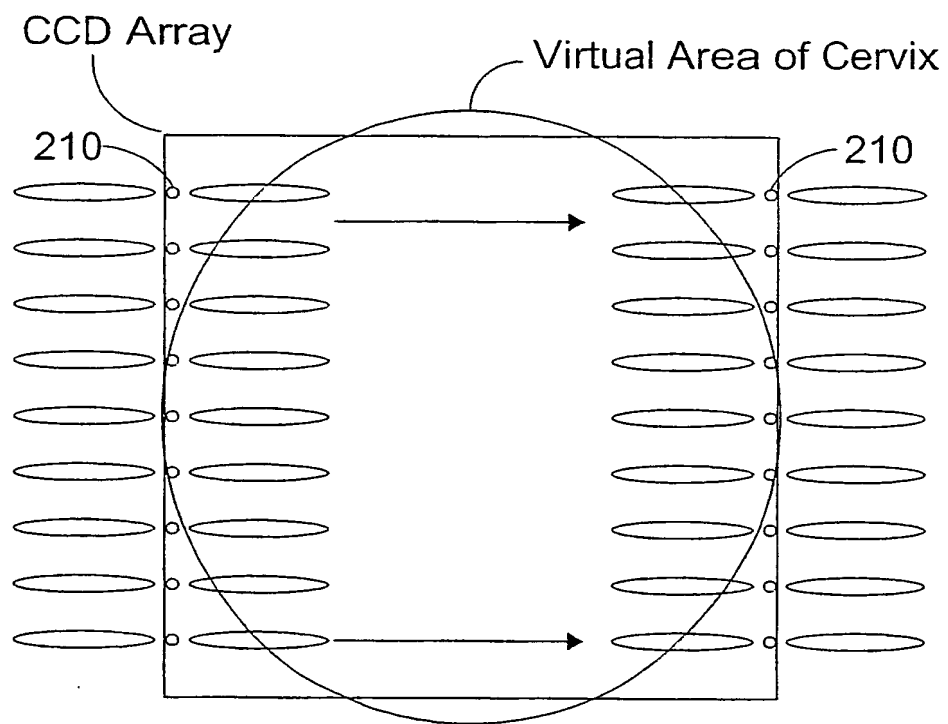


FIG. 16

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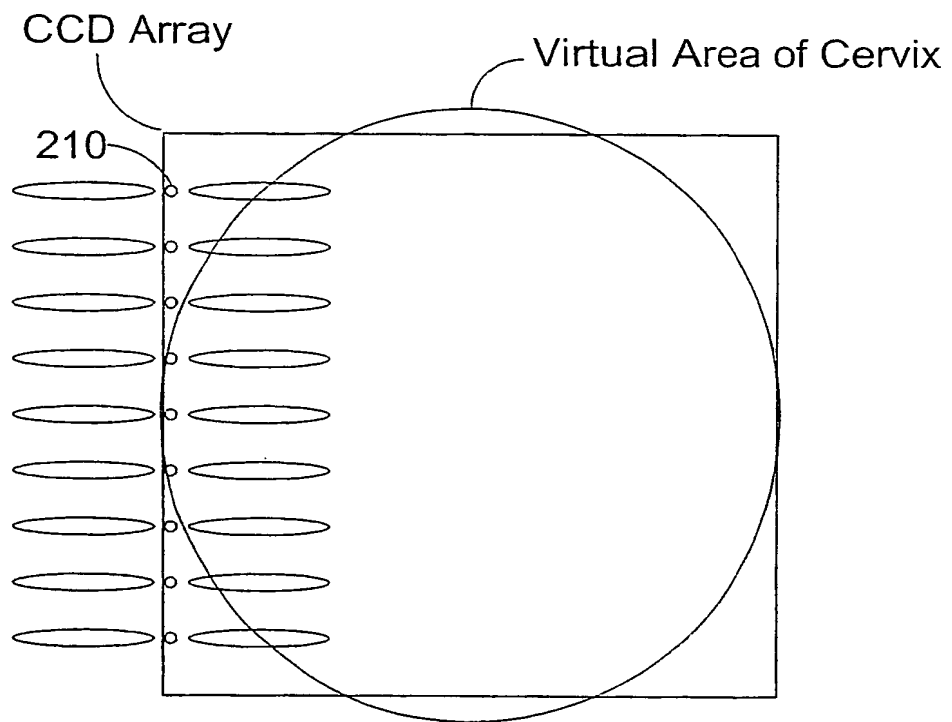


FIG. 17

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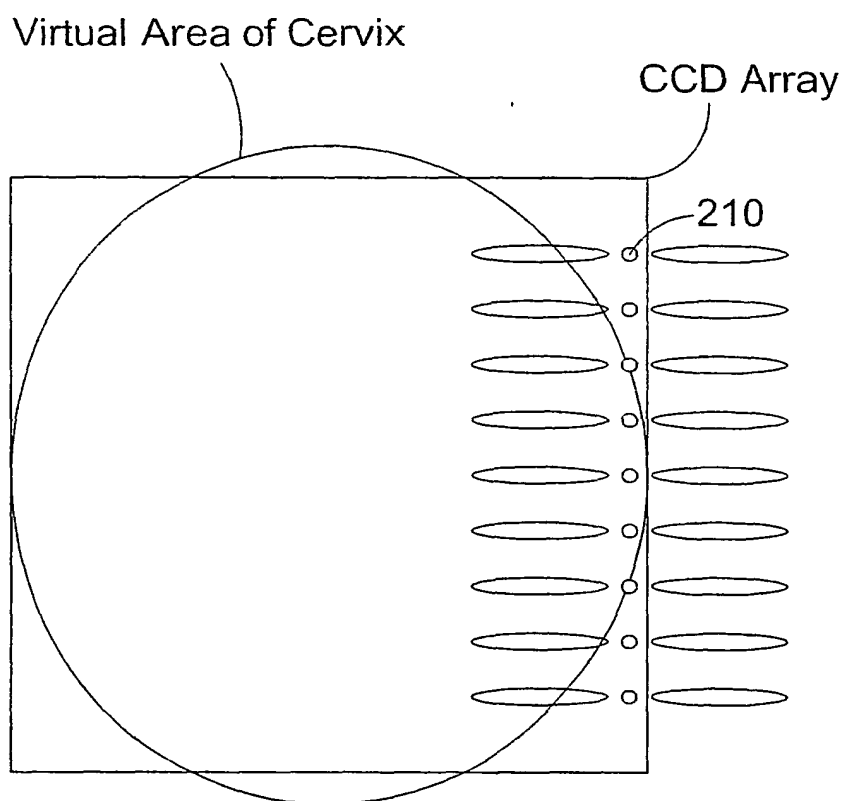


FIG. 18

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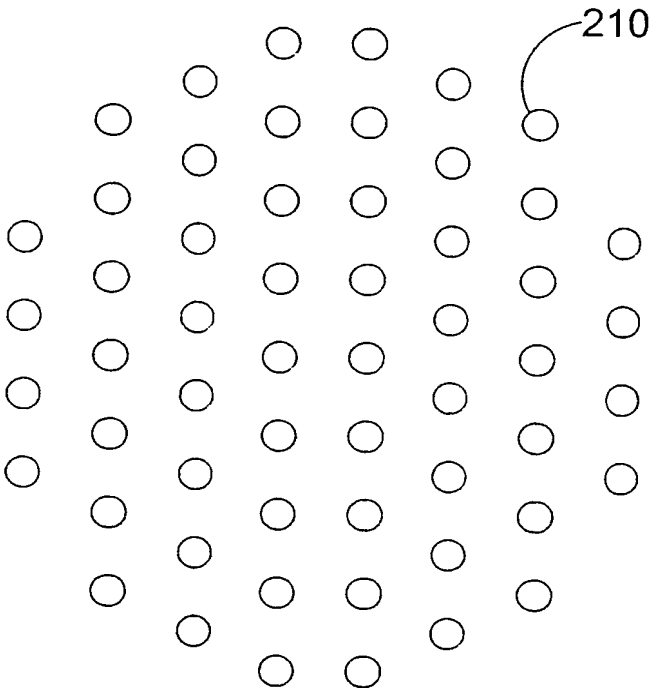


FIG. 19

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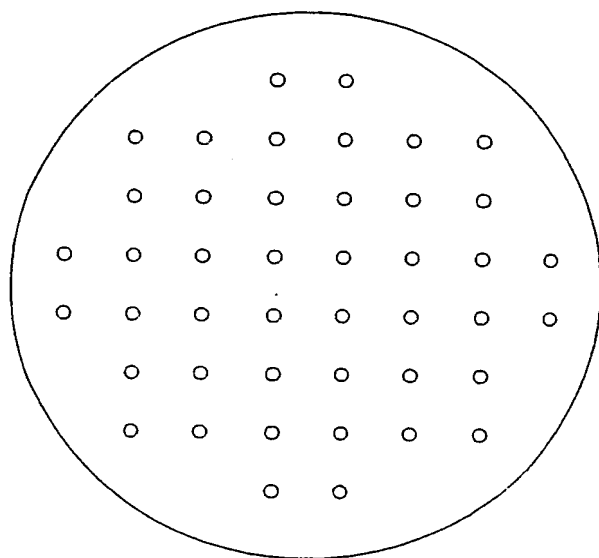


FIG. 20A

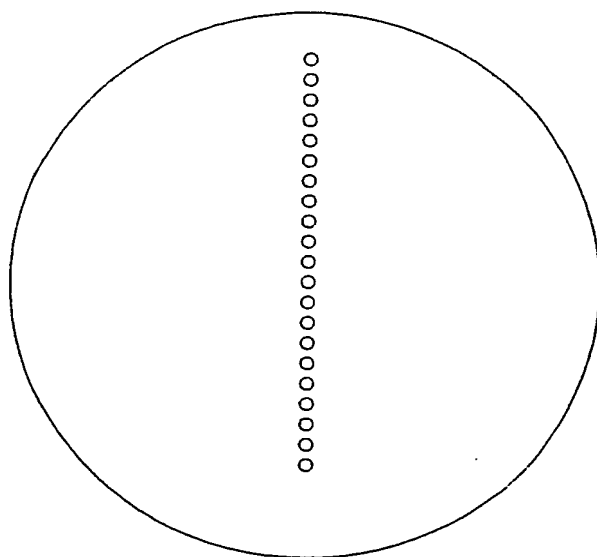


FIG. 20B

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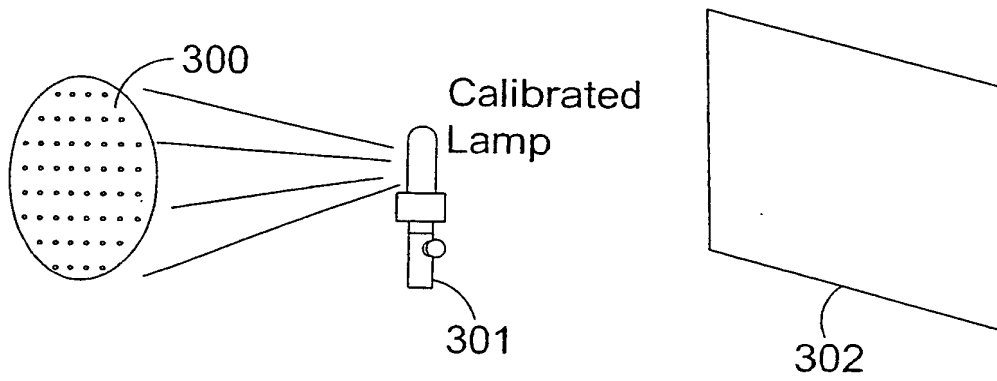


FIG. 21

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Measurement	Mask Position	Exposure Time	Excitation Filter	Spectrograph Center λ	Collection Filter	Safety Shutter Open
1	1	0.2	ND 1.5	580	WG-320	No
2	2	0.2	ND 1.5	560	WG-320	No
3	3	0.2	ND 1.5	540	WG-320	No
4	4	0.2	ND 1.5	520	WG-320	No
5	5	0.2	ND 1.5	500	WG-320	No
6	6	0.2	ND 1.5	480	WG-320	No
7	7	0.2	ND 1.5	460	WG-320	No
8	8	0.2	ND 1.5	440	WG-320	No

FIG. 22

Measurement	Mask Position	Exposure Time	Excitation Filter	Spectrograph Center λ	Collection Filter	Safety Shutter Open
1	1	0.2	ND 1.5	580	WG-320	No
2	1	0.2	ND 1.5	580	WG-320	Yes
3	2	0.2	ND 1.5	560	WG-320	Yes
4	3	0.2	ND 1.5	540	WG-320	Yes
5	4	0.2	ND 1.5	520	WG-320	Yes
6	5	0.2	ND 1.5	500	WG-320	Yes
7	6	0.2	ND 1.5	480	WG-320	Yes
8	7	0.2	ND 1.5	460	WG-320	Yes
9	8	0.2	ND 1.5	440	WG-320	Yes

FIG. 23

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Measurement	Mask Position	Exposure Time	Excitation Filter	Spectrograph Center λ	Collection Filter	Safety Shutter Open
1	1	4	350-20	580	GG385	No
2	1	4	350-20	580	GG385	Yes
3	2	4	350-20	560	GG385	Yes
4	3	4	350-20	540	GG385	Yes
5	4	4	350-20	520	GG385	Yes
6	5	4	350-20	500	GG385	Yes
7	6	4	350-20	480	GG385	Yes
8	7	4	350-20	460	GG385	Yes
9	8	4	350-20	440	GG385	Yes
10	1	2	400-20	580	GG435	No
11	1	2	400-20	580	GG435	Yes
12	2	2	400-20	560	GG435	Yes
13	3	2	400-20	540	GG435	Yes
14	4	2	400-20	520	GG435	Yes
15	5	2	400-20	500	GG435	Yes
16	6	2	400-20	480	GG435	Yes
17	7	2	400-20	460	GG435	Yes
18	8	2	400-20	440	GG435	Yes
19	1	2	460-20	580	GG495	No
20	1	2	460-20	580	GG495	Yes
21	2	2	460-20	560	GG495	Yes
22	3	2	460-20	540	GG495	Yes
23	4	2	460-20	520	GG495	Yes
24	5	2	460-20	500	GG495	Yes
25	6	2	460-20	480	GG495	Yes
26	7	2	460-20	460	GG495	Yes
27	8	2	460-20	440	GG495	Yes

FIG. 24